IN THE CLAIMS:

Please amend the claims as follows:

Claim 1 (Currently Amended): A method of managing borehole information, the method comprising:

collecting and storing information on at least one borehole [[(2)]],

~~characterized by~~

arranging at least one identifier [[(5)]], which includes machine-readable information, in connection with a borehole [[(2)]] under examination,

and linking the stored information and the borehole [[(2)]] under examination together by means of information read from the identifier [[(5)]].

Claim 2 (Currently Amended): A method as claimed in claim 1, comprising

~~characterized by~~

identifying the borehole [[(2)]] under examination by reading an identification code included in the identifier [[(5)]],

and linking the information relating to the borehole [[(2]]) by using the identification code.

Claim 3 (Currently Amended): A method as claimed in claim 1 [[2]], comprising

identifying the borehole under examination by reading an identification code included in the identifier,

linking the information relating to the borehole by using the identification code,

~~characterized by~~

storing information relating to the borehole in at least one control unit [[(3)]] outside the identifier [[(5)]],

and linking the information included in the control unit [[(3)]] on the identifier [[(5)]] together on the basis of the identification code.

Claim 4 (Currently Amended): A method as claimed in <u>claim 1, comprising</u> ~~any one of the preceding claims, characterized by~~

using an identifier [[(5)]] comprising at least one memory element for storing information,

and storing information relating to the borehole [[(2)]] under examination in the identifier [[(5)]].

Claim 5 (Currently Amended): A method as claimed in <u>claim 1, comprising</u>

<u>using an identifier comprising at least one memory element for storing information,</u>

<u>storing information relating to the borehole under examination in the identifier</u> [[4]],

~~characterized by~~

measuring the borehole [[(2)]] under examination by means of at least one measuring device [[(7)]] which includes at least one sensor [[(9)]],

and storing measurement information in the identifier [[(5)]].

Claim 6 (Currently Amended): A method as claimed in <u>claim 1, comprising</u> ~~any one of the preceding claims, characterized by~~

equipping a mine vehicle [[(23)]] with a reader [[(6)]],

identifying the borehole [[(2)]] under examination by reading information included in the identifier by means of the reader [[(6)]],

transmitting borehole information from a control unit [[(3)]] in a system to a control

device [[(25)]] of the mine vehicle [[(23)]],

and using the borehole information for controlling at least one drilling unit [[(18)]] or

charging unit [[(24)]] of the mine vehicle [[(23)]].

Claim 7 (Currently Amended): A system for managing borehole information, the system

comprising: at least one control unit [[(3)]] wherein borehole information is stored,

~~characterized in that~~

~~the system comprises~~ at least one identifier [[(5)]] to be arranged in connection with a borehole

[[(2)]] under examination,

and wherein the identifier [[(5)]] includes machine-readable information, [[and]]

and wherein the system is arranged to link the stored information and the borehole [[(2)]]

under examination together by means of information read from the identifier [[(5)]].

Claim 8 (Currently Amended): An identifier for marking a borehole, the identifier [[(5)]]

comprising:

a frame [[(11)]], [[and]]

means for fastening the identifier [[(5)]] in connection with the borehole [[(2)]],

~~characterized in that~~

~~the identifier (5) comprises~~ an elongated frame [[(11)]] which is at least partially insertable in the

borehole [[(2)]], ~~and that~~

~~the identifier (5) comprises~~ and at least one machine-readable identification code.

Claim 9 (Currently Amended): An identifier as claimed in claim 8, ~~characterized in that~~ <u>wherein</u> the identifier [[(5)]] comprises an elongated tubular frame [[(11)]].

Claim 10 (Currently Amended): An identifier as claimed in claim 8 [[or 9]], ~~characterized in that~~ the identifier [[(5)]] comprises at least one memory element for storing information.

Claim 11 (Currently Amended): An identifier as claimed in ~~any one of claims~~ <u>claim</u> 8 ~~to 10, characterized in that~~ <u>wherein</u> the identifier [[(5)]] comprises a transceiver [[(14)]] for establishing a data transmission connection between the identifier [[(5)]] and at least one external control unit [[(3)]].

Claim 12 (Currently Amended): An identifier as claimed in ~~any one of claims~~ <u>claim</u> 8 ~~to 11, characterized in that~~ <u>wherein</u> the identification code is a visually readable character.